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# LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

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## NEW BOOKS

ADMINISTRATION; THE ART AND SCIENCE OF ORGANIZATION AND MANAGEMENT. Edited by Albert Lopawsky. 669 p. Knopf, 1952. 249 L55 1952

A comprehensive selection of readings which analyze the art of administration - its history and relation to bureaucracy. Examines the science of organization - types and problems of organization, the organization in practice, and the process of reorganization. Discusses the fundamental techniques of management - personnel budgeting and financial control, planning and programming, research, reporting and public relations, and legal and management procedures.

COLORADO AGRICULTURAL HANDBOOK. 590 p. Colorado State College, 1952. 39.3 C71

A complete reference book on Colorado agriculture. It covers every phase of the state's varied farming and ranching enterprises from plains farming to high altitude ranching. Among the features of the book are a complete guide to insect control, a similar section on plant disease and weed control, information on irrigated and dryland farming, on all types of livestock production, and on many allied phases of agriculture. Weather and temperature charts, and agricultural measurement guides are also included.

ECONOMIC ASPECTS OF WILDLIFE RESOURCES OF THE STATE OF WASHINGTON, By R. F. Wallace. Washington State College. Bureau of Economic and Business Research B. 19, 42 p. 1952. 280.9 W272

This study provides a detailed analysis of the economic value of Washington's wildlife resources. Its purpose is to determine the annual income attributable to wildlife or to its pursuit, and to make comparisons with similar data from other states.

The survey will be of interest to wildlife administrators in helping them to choose appropriate policies where competing uses of resources are involved and in promoting those resources.

FOREST MANAGEMENT, By H. A. Meyer, A. B. Recknagel and D. D. Stevenson. 290 p. Ronald Press Co., 1952. 99.55 M57

A comprehensive volume bringing together the basic material on forest management from the standpoint of its applicability to American forests. It is designed both as a text for forestry students and as a manual to guide foresters in applying management practices to the forests under their care. It covers the general problems of forest organization and the principles and methods of forest regulation, both of which are essential to the preparation of workable management plans. Typical examples of such plans for forests of various sizes, located in various parts of the country, have been included.



GRASSES AND GRASSLAND FARMING, By H. W. Staten. 319 p. Devin-Adair, 1952.  
60.1 St22

A practical discussion of the new role grass is playing in feeding livestock and revolutionizing farming in general. The author, who is a professor at Oklahoma A & M, shows how half the United States can produce year-round pastures, and how the grazing season on the other half can be increased by two to four months. He shows how the farmer can start new grasses adapted to his soil and climate and realize new milk and beef income; how he can obtain maximum production per acre and at the same time conserve the stand of grass and the richness of his soil.

HOW FARM PEOPLE LEARN NEW METHODS. 23 p. 1952. (National Planning Assn. Planning Pamphlet 79) 280.9 N2153

This report on the communication of new technological information to farmers has two main purposes: first, to summarize the results of research which already has been undertaken on the subject; second, to show why and where more intensive study is needed.

HOW TO GROW MINNOWS, By F. F. Allan. 63 p. 1952. 414 AL52

Practical, specific information on pond building, management, pest control, handling and marketing minnows. The author is Regional Biologist for Soil Conservation Service at Ft. Worth, Texas.

IOWA FISH AND FISHING. 238 p. Iowa State Conservation Commission, 1951. 414 I09

The purpose of this book is to help Iowans enjoy the fishing opportunities offered in that state, however, it will be of interest to biologists, wildlife specialists and fishermen in the southwest region since it describes and identifies most of the fish found in this area.

The book is written for the layman but it is scientifically correct and includes a new identification key by Dr. Reeve W. Bailey and 24 outstanding color illustrations by Maynard Reece.

IRRIGATION ADVISERS' GUIDE. U.S. Bur. of Reclamation. U.S. Govt. Print. Off., 216p. 1951. 156.85 Ir731

A guide to assist the irrigation farmer in the important jobs of preparing fields for efficient use of water; constructing effective water distribution systems, and using the irrigation water supplied to the best possible advantage.

PATHOLOGY IN FOREST PRACTICE, By D. V. Baxter. 601 p. Wiley, 1952.  
464.07 B33P Ed.2

All of the new advances made in forest pathology since the 1st edition was published in 1942 have been incorporated in this revised edition. The book is a well organized compilation of the contributions on cause, prevention, and control of forest tree diseases and wood products. It will be of interest to all foresters especially forest managers interested in practical treatments for improving the health of the forest and the quality of its products.

PLANT GROWTH SUBSTANCES. Edited by Folke Skoog. 476 p. Univ. of Wisconsin Press, 1951. 90.11 Sk5

A survey of the present status of the subject in all of its phases which will be of interest to plant scientists and growers generally.

The contents of this book are grouped under the following general headings: The History of Plant Growth Hormones; Growth Substances in Plant Metabolism; Tissue Responses to Growth Substances; Practical Applications of Growth Regulators; Growth Substances in Vegetative Development; Growth Substances in Reproductive Development; Growth Substances in Pathological Growth; and Vitamins and Amino Acids as Growth Factors.

STRUCTURAL GEOLOGY OF NORTH AMERICA, By A. J. Eardley. 624 p. Harper, 1951.

An exhaustive survey of the crustal formations of our continent, enhanced by charts, maps, and tables of data. This book is the most complete treatment of the subject to date.

TESTING AGRICULTURAL AND VEGETABLE SEEDS. 1952. 440 p. (U.S. Dept. of Agriculture Agr. Handbook 30) 1 Ag84Ah

This manual brings together a wealth of technical information in the field of seed technology. It is designed as a working tool for the seed technologist and contains practical instructions for conducting a variety of laboratory tests. The handbook supersedes USDA Misc. Pub. 437 "Testing Farm Seeds in Home and School".

VEGETATION OF THE SONORAN DESERT, By Forrest Shreve. 1951. 192 p. (Carnegie Inst. of Washington Publication 591)

Information on the physical features; perennial vegetation; ephemeral herbaceous vegetation; and ecological features of characteristic species of the Sonoran Desert.

### SOIL AND WATER CONSERVATION GLOSSARY

Prepared by  
The Soil Conservation Society of America  
Glossary Committee  
1951-52

Here is a booklet containing definitions for nearly one thousand terms in the field of soil and water conservation--from "tree", "rain" and "sand" to "belanger", "hygroscopic coefficient" and "piezometric surface". It covers terms which belong solely to this science and a limited number of allied fields. It was compiled largely for those persons who are professionally engaged in land use or who are interested in soil and water conservation terms. Every conservationist should have a copy of the booklet which may be purchased from the Soil Conservation Society of America, Suite 1016, Paramount Building Des Moines 9 Iowa, for \$1.00. Comment by T. A. Neubauer, Soil Conservation Service. Albuquerque, N. M.

### NEW BULLETINS

#### AGRICULTURAL ECONOMICS

AGRICULTURAL FINANCE REVIEW. 1952. 29 p. (U.S. Bur. of Agr. Econ.) 1.9 Ec78Af  
Supplement II to Volume 14 gives the 1953 outlook.

THE BALANCE SHEET OF AGRICULTURE 1952. 1952. 35 p. (USDA Agr. Infor. B. 90)  
1 Ag84Ab

COLORADO AGRICULTURAL STATISTICS 1950 INCLUDING HISTORICAL TABLES AND A STATE SUMMARY FOR 1951. 1952. 105 p. (Colorado Dept. of Agriculture)  
252.11 C71c (Gives statistics for counties)

CROP SUMMARY AND RELATED DATA FEDERAL RECLAMATION PROJECTS, 1950. 1951. (U.S. Bur. of Reclamation) 156.84 D26

CROPS AND MARKETS. 1952. Vol. 29 (U.S. Bur. of Agr. Econ.) 1 Ag84Wcm

ECONOMIC FACTORS AFFECTING THE SUGAR BEET INDUSTRY. 1952? 24 p. (Calif. Agr. Expt. Sta. C. 413) 100 C12Sc

ECONOMICS OF SUGAR-BEET MECHANIZATION IN CALIFORNIA. 1952. 48 p. (USDA C. 907)  
1 Ag84C



## AGRICULTURAL ECONOMICS (Cont.)

- FACTS AND FIGURES ON TRENDS IN BEEF CATTLE. 1952. 10 p. (U.S. Bur. of Agr. Econ.) 1.941 A2B74
- FARM PRODUCTION, FARM DISPOSITION, AND VALUE OF PRINCIPAL FIELD CROPS. Revised estimates 1944-49 by states. 1952. 90 p. (USDA Stat. B. 115) 1 Ag84St
- HIGH-GRADE ALFALFA HAY - METHODS OF PRODUCING, PALING, AND LOADING FOR MARKET. Rev. 1952. 29 p. (USDA Farmers' B. 1539) 1 Ag84F
- MARKETING NEW MEXICO VEGETABLES. 1952. 26 p. (N.M. Agr. Expt. Sta. Press B. 1075) 100 N465Sp
- MARKETING WESTERN FEEDER CATTLE. 1952. 92 p. (Wyo. Agr. Expt. Sta. B. 317) 100 W99
- THE PREPARATION OF STATISTICAL TABLES - A HANDBOOK. Rev. 1952. 39 p. (U.S. Bur. of Agr. Econ.) 1.941 A22F91
- STATISTICAL TECHNIQUES FOR THE ANALYSIS AND INTERPRETATION OF PRICE DATA. 1952. 23 p. (U.S. Prod. & Mktg. Admin.) 1.941 A2W16
- WOOL PREPARATION & MARKETING. 1952. 68 p. (Wyo. Agr. Expt. Sta. B. 316) 100 W99

## BIBLIOGRAPHIES

- ABSTRACTS OF RECENT PUBLISHED MATERIAL ON SOIL AND WATER CONSERVATION. 1952. 71 p. (USDA PA-213) 1 Ag84Pro
- AGRICULTURAL ECONOMIC AND STATISTICAL PUBLICATIONS. 1952. 83 p. (U.S. Bur. of Agr. Econ.) 1.9 Ec731La
- ANNOTATED BIBLIOGRAPHY ON HYDROLOGY 1941-1950 (United States and Canada) 1952. 408 p. (Federal Inter-Agency River Basin Committee. Subcommittee on Hydrology B. 5) U.B. Hyd.
- ANNOTATED BIBLIOGRAPHY OF NORTH AMERICAN GEOLOGY, 1950. 1952. 394 p. (U.S. Geol. Survey B. 985) 407 G29B
- BIBLIOGRAPHY OF FORESTRY AND FOREST PRODUCTS. January-December 1951. 216 p. (Food and Agriculture Organization) 241.01 B472
- BIBLIOGRAPHY ON THE MARKETING OF LIVESTOCK, MEAT, AND MEAT PRODUCTS. 1951. 209 p. (USDA Bibliog. B. 15) 1 Ag84Bi
- BIBLIOGRAPHY ON UTILIZATION OF UREA, AMMONIA AND RELATED NON-PROTEIN NITROGEN COMPOUNDS IN ANIMAL FEEDING. 1952. 16 p. (U.S. Bur. of Animal Indus. A.H.D 143) 1.9 An52Ah
- PUBLICATIONS ON RANGE CONSERVATION. 1952. 10 p. (U.S. Soil Conservation Serv. 1.96 Op2Pu
- UNITED STATES TREE BOOKS - A BIBLIOGRAPHY OF TREE IDENTIFICATION. 1952. 32 p. (USDA Bibliog. B. 20) 1 Ag84Bi
- USDA PUBLICATIONS ON SAFETY, 1947-1952. 1952. 3 p. (USDA Library) 1.916 Un32

## COTTON

- COTTON DEFOLIATION IN THE LOWER RIO GRANDE VALLEY, 1951. 1951. 5 p. (Texas Agr. Expt. Sta. Prog. Rpt. 1397) 100 T31P
- COTTON "ON CALL" STATISTICS - AUGUST 1945-JULY 1951. 1951. 23 p. (USDA Stat. B. 109) 1 Ag84St
- COTTON QUALITY STATISTICS UNITED STATES 1950-51. 1952. 63 p. (USDA Stat B. 110) 1 Ag84St
- COTTON VARIETY TESTS 1948-1951. 1952 p. 7 p. (N.M. Agr. Expt. Sta. Press B. 1074) 100 N465Sp
- COTTONSEED OIL MILL CHARACTERISTICS AND MARKETING PRACTICES. 1951. 35 p. (USDA Agr. Infor. B. 79) 1 Ag84Ab
- MORE DOLLARS FROM COTTON n.d. 14 p. (Okla. Ext. C. 576) 275.29 Ok410

## FARMING

ACCEPTANCE OF IMPROVED FARM PRACTICES IN THREE COASTAL PLAIN COUNTIES. 1952.  
75 p. (N. C. Agr. Expt. Sta. Tech. B. 98) 100 N81  
HOUSING NEEDS AND PREFERENCES OF FARM FAMILIES - A COMPARISON OF DATA FROM STUDIES  
IN FOUR REGIONS. 1952. 63 p. (USDA Agr. Info. B. 96) 1 Ag84Ab  
LABOR SAVING IDEAS FOR THE FARM. n.d. 8 p. (Okla. Ext. C. 573) 275.29 Ok410  
RURAL COMMUNITY ORGANIZATION. 1952. 9 p. (Miss. Ext. P. 209) 275.29 M68Ext  
A TELEPHONE FOR YOUR FARM: ANSWERS TO QUESTIONS ABOUT THE RURAL TELEPHONE LOAN  
PROGRAM. Rev. 1952. 16 p. (USDA PA-88) 1 Ag84Pro  
TRENDS IN SELECTED FACILITIES AVAILABLE TO FARM FAMILIES. 1952. 15 p.  
(USDA Agr. Info. B. 87) 1 Ag84Ab

## RANGE & PASTURE

CHAMIZA FOR RESEEDING NEW MEXICO RANGELANDS. 1952. 3 p. (U.S. Forest Serv.  
Southwest. For. & Range Expt. Sta. Research Note 122) 1.9 F7621R  
FEDERAL AND STATE RURAL LANDS, 1950 WITH SPECIAL REFERENCE TO GRAZING. 1952.  
100 p. (USDA C. 909) 1 Ag84C  
IMPROVED MANAGEMENT OF IRRIGATED PASTURES PAYS DIVIDENDS. 1952. 8 p. (USDA  
PA-205) 1 Ag84Pro  
THE MESQUITE PROBLEM ON SOUTHERN ARIZONA RANGES. 1952. 70 p. (USDA C. 908)  
1 Ag84C  
SOME TYPICAL PRACTICES OF RANGE IMPROVEMENT IN TEXAS. n.d. 17 p. (Southwest  
Research Inst.)

## SOIL CONSERVATION

AGRICULTURAL CONSERVATION PROGRAM. ARIZONA HANDBOOK FOR 1953. 1952. 24 p.  
(U.S. Prod. & Market. Admin.) 1.42 Ad4AcB  
The Library also has the handbook for COLORADO, NEW MEXICO and UTAH.  
EIGHTH BIENNIAL REPORT OF THE STATE SOIL CONSERVATION COMMITTEE TO THE GOVERNOR OF  
UTAH. 1950/1951. 15 p.  
EROSION CONTROLLED BY TERRACES. 1951. 16 p. (Wisc. Agr. Expt. Sta. B. 494)  
100 W75  
FALLOW AND THE WIND EROSION HAZARD. 1952. 9 p. (U.S. Soil Conserv. Serv.  
SCS-TP-111) 1.96 Ad6Tp  
A GUIDE FOR SOIL CONSERVATION DISTRICT SUPERVISORS. 1951. 12 p. (Wash. Ext.  
B. 454) 275.29 W27B  
LAND CAPABILITY FOR SOIL & WATER CONSERVATION IN IDAHO. 1951. 30 p. (Idaho  
Agr. Expt. Sta. B. 286) 100 Id1b  
THE MEASUREMENT OF SOIL AND WATER LOSSES WITH RUNOFF PLOTS. 1952. 12 p.  
(U.S. Soil Conserv. Serv.) 1.96 R31Mea  
PRINCIPLES OF CONSERVATION ECONOMICS POLICY. 1951. pp. 360-414. (Iowa.  
Agr. Expt. Sta. Res. B. 382) 100 Io9r  
THE SOIL THAT WENT TO TOWN. 1952. 21 p. (USDA Agr. Info. B. 95) 1 Ag84Ab  
WATERSHED TREATMENT PROGRAM OF THE SOIL CONSERVATION SERVICE. 1952. 8 p.  
(U.S. Soil Conserv. Serv.) 1.96 Ad6Br  
YOUR LAND AND ITS USE IN THE KAMAS VALLEY SOIL CONSERVATION DISTRICT. 1951.  
18 p. (USDA PA-166) 1 Ag84Pro

## WATER

BACKGROUND INFORMATION REGARDING WATERSHED PROGRAMS OF THE USDA. 1952. 6 p.  
(U.S. Dept. of Agr. Off. of the Secretary) 1.91 A2B12  
FARM DRAINAGE. 1952. 37 p. (USDA Farmers' B. 2046) 1 Ag84F  
MAINTAINING DRAINAGE SYSTEMS. 1952. 30 p. (USDA Farmers' B. 2047) 1 Ag84F



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